Philips
professional flat TV

20"
LCD

**20HF5474**

# Hospitality Flat TV

## with built-in clock and FM-radio

This hospitality LCD TV with integrated (alarm) clock offers a stack of dedicated features which enhance guest comfort and keep total cost of ownership down. The optional SmartCard XPress unit makes this TV fully system prepared.

### Best total cost of ownership
- Wireless SmartLoader for fast cloning
- Integrated clock display with wake up and message alarm
- Built-in FM radio
- External loudspeaker connector
- Front/Side controls locking
- VESA mounting compatible

### System ready and future proof
- SmartCard Xpress Box compatible for interactive systems
- Additional integrated power supply

### Maximum guest comfort
- Volume limitation
- Welcome message on screen display

### Great viewing experience and guest comfort
- Crystal Clear III for natural images with enhanced quality

product design award 2006

PHILIPS
sense and simplicity

Professional flat TV
20" LCD

# 20HF5474/10

## Specifications

### Picture/Display
- Diagonal screen size: 20 inch / 51 cm
- Aspect ratio: 4:3
- Display screen type: LCD VGA Active Matrix TFT
- Panel resolution: 640 x 480p
- Brightness: 450 cd/m²
- Contrast ratio (typical): 800:1
- Response time (typical): 16 ms
- Picture enhancement: 2D Combfilter, Active Control, Colour Enhancement, Crystal Clear III, Progressive Scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen
- Viewing Angle (H / V): 178 / 178 degree

### Supported Display Resolution
- Video Formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480p | 2Fh |
| 720 x 576p | 2Fh |

- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60, 67, 72, 75Hz |
| 800 x 600 | 56, 60, 72, 75Hz |

### Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- Number of Preset Channels: 125
- Tuner bands: Hyperband, S-Channel, UHF, VHF, FM
- Tuner Display: PLL
- TV system: PAL, PAL I, PAL B/G, PAL D/K, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM

### Sound
- Output power (RMS): 2 x 5W
- Sound System: Nicam Stereo, Virtual Dolby Surround
- Sound Enhancement: Auto Volume Leveller

### Loudspeakers
- Built-in speakers: 2

### Connectivity
- Connectivity Enhancements: RJ12 connector, RJ45 connector, External Loudspeaker connector, HM-Link, Extra Power supply 12V/1W, SmartCard Xpress box ready
- Number of Scarts: 1
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in
- Other connections: Antenna IEC75, DVI-I, FM Antenna, PC Audio in

### Convenience
- Clock: Sleep Timer, Wake up Clock, Integrated LCD Clock Display
- Clock Enhancements: Synchro Time via PDC/TXT
- Comfort: Hotel Guest features
- Ease of Installation: Advanced Hotel Mode, Fine Tuning, PLL Digital Tuning, Program Name, Wireless Smart Loading
- Ease of Use: Auto Volume Leveller (AVL), FM Radio, Side Control, Smart Picture Control, Smart Sound Control
- Remote Control: TV
- Remote control type: RC2886
- Screen Format Adjustments: 16:9 compress, 4:3, 4:3 expand
- Teletext: 10 page Smart Text
- Teletext enhancements: Fast text
- OSD Languages: English, French, German
- VESA Mount: 100 x 100 mm
- Other convenience: Kensington lock

### Power
- Mains power: 100 - 240V, 50/60Hz
- Power consumption: 55W Normal operation W
- Ambient temperature: 5 °C to 40 °C

### Dimensions
- Colour cabinet: Silver Frost & Hi Gloss Black Deco Front
- Set dimensions (W x H x D): 506 x 446 x 77 mm
- Product weight: 8.2 kg
- Dimensions (with base) (W x H x D): 506 x 490 x 246 mm
- Box dimensions (W x H x D): 684 x 500 x 213 mm
- Weight incl. Packaging: 10.4 kg

### Accessories
- Included Accessories: Power cord, Remote Control, Table top stand, User Manual
- Optional accessories: Set up Remote RC2573GR, Wireless SmartLoader 22AV1120

## Product highlights

**Wireless SmartLoader**
*Provides the ability to copy easy and wireless all programming settings from one TV set into other TV sets in less then a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.*

**Integrated clock display**
*The built-in clock display, which is also a wake-up alarm, eliminates the need and investment for an additional clock with cables and connections in the room. Automatic time synchronisation via teletext and preservation of alarm settings during short power outages further enhances guest comfort*

**Built-in FM radio**
*The integrated FM radio offers guests additional comfort without the extra investment in radio receivers.*

**External loudspeaker connector**
*Amplified audio connector for easy installation of external speakers (like for bathrooms), eliminating the need for investments in external equipment*

**Front/Side controls locking**
*By selecting in the set up menu the option to lock or unlock access to the front and side controls of the TV, unauthorised access to the TV menu is prevented saving the hotelier time and effort of re-installing.*

**VESA mounting**
*A unified industry standard for wall/ceiling mounting equipment set by the Video Electronics Standards Association. This offers a great flexibility in mounting possibilities and a wide choice of mounting brackets.*

**SmartCard Xpress Box**
*The optional SmartCard Xpress Box can be mounted at the rear side of the TV set and allows third party decoders and application cards to interface with the TV adding new functionality to the TV. The TV can also be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Control Interface (supporting UART and RS232 protocols) and the SmartPlug Control interface.*

**Add. integrated power supply**
*The additional integrated power supply avoids the need for a separate power supply for an interactive system. In case of stand-alone use, the additional power supply can be switched off to save energy.*

**Volume limitation**
*This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.*

**Welcome message**
*A welcome greeting is displayed each time the TV set is switched on.*

**Crystal Clear III**
*Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colours.*

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